

We claim:

1. A watertight modular system for floor-mounted electrical and/or data receptacles comprising:

a cover having a generally flat upper surface, a lower surface, and a cutout adapted to
5 expose an electrical or data receptacle, wherein said lower surface comprises a plurality of retaining walls extending downwardly from said lower surface and defining a plurality of enclosed regions;

a lid shaped to fill and cover said cutout, wherein said lid comprises a pivot mechanism at
a first end for mounting said lid flush with the upper surface of said cover when in a closed
10 position and for exposing said receptacle when in an open position, a snap-in mechanism at a second end for providing a positive hold in the closed position, and a continuous perimeter wall extending downwardly and beyond said retaining walls when said lid is in a closed position;

a gasket having a cutout adapted to expose said electrical or data receptacle; and

a base plate having a top surface and a central portion recessed from said top surface for
15 receiving said gasket and cover;

wherein when said base plate, gasket and cover are assembled, said top surface is flush with said upper surface and said retaining walls and said continuous perimeter wall sealably contact said gasket.

2. The watertight modular system in accordance with claim 1, wherein said cutout is defined by a first continuous retaining wall extending downwardly from said lower surface.
3. The watertight modular system in accordance with claim 2, wherein said pivot mechanism comprises a slot and wherein two prongs extend outwardly from opposing sides of said first continuous retaining wall and pivotably engage said slot.
4. The watertight modular system in accordance with claim 1, wherein said cover further comprises a data port module which slidably engages a slot in said cover, and wherein a second continuous retaining wall extends downwardly from said lower surface of said cover and defines said slot.
5. The watertight modular system in accordance with claim 1, wherein said gasket is formed from a resilient, waterproof material.
6. The watertight modular system in accordance with claim 1, wherein said central portion is defined by a continuous wall extending downwardly from said upper surface and comprises a shoulder extending inwardly from said wall to define an opening.
7. The watertight modular system in accordance with claim 6, wherein a detachable web is connected to said shoulder and extends across said opening to form a plurality of openings.

8. The watertight modular system in accordance with claim 1, wherein said cover is made from a non-metallic material.

9. The watertight modular system in accordance with claim 1, wherein said gasket is made from a rubber or an elastomeric material.

5 10. A watertight modular system for floor-mounted electrical and data receptacles comprising:

a cover having a generally flat upper surface, a lower surface, and a pair of cutouts adapted to expose a pair of electrical receptacles, wherein said lower surface comprises a plurality of retaining walls extending downwardly from said lower surface and defining a

10 plurality of enclosed regions;

a pair of lids shaped to fill and cover said cutouts, wherein each of said lids comprises a pivot mechanism at a first end for mounting said lid flush with the upper surface of said cover when in a closed position and for exposing said receptacle when in an open position, a snap-in mechanism at a second end for providing a positive hold in the closed position, and a continuous
15 perimeter wall extending downwardly and beyond said retaining walls when said lid is in a closed position;

a gasket having a cutout adapted to expose said electrical receptacles; and

a base plate having a top surface and a central portion recessed from said top surface for receiving said gasket and cover;

wherein when said base plate, gasket and cover are assembled, said top surface is flush with said upper surface and said retaining walls and said continuous perimeter wall sealably contact said gasket.

11. The watertight modular system in accordance with claim 10, wherein each of said cutouts
5 is defined by a continuous retaining wall extending downwardly from said lower surface.

12. The watertight modular system in accordance with claim 11, wherein each of said pivots comprises a slot and wherein two prongs extend outwardly from opposing sides of said continuous retaining wall and pivotably engage said slot.

13. The watertight modular system in accordance with claim 10, wherein said cover further
10 comprises a data port module which slidably engages a slot in said cover, and wherein a continuous retaining wall extends downwardly from said lower surface of said cover and defines said slot.

14. The watertight modular system in accordance with claim 10, wherein said gasket is formed from a resilient, waterproof material.

15. The watertight modular system in accordance with claim 10, wherein said central portion is defined by a continuous wall extending downwardly from said upper surface and comprises a shoulder extending inwardly from said wall to define an opening.

16. The watertight modular system in accordance with claim 15, wherein a detachable web is
5 connected to said shoulder and extends across said opening to form a plurality of openings.

17. The watertight modular system in accordance with claim 10, wherein said cover is made from a non-metallic material.

18. The watertight modular system in accordance with claim 10, wherein said gasket is made from a rubber or an elastomeric material.

10 19. A watertight modular system for floor-mounted electrical and/or data receptacles comprising:

a cover having a generally flat upper surface, a lower surface, and a cutout adapted to expose an electrical or data receptacle, wherein said lower surface comprises a plurality of retaining walls extending downwardly from said lower surface and defining a plurality of
15 enclosed regions, and wherein said cutout is defined by a first continuous retaining wall extending downwardly from said lower surface;

a lid shaped to fill and cover said cutout, wherein said lid comprises a pivot mechanism at a first end for mounting said lid flush with the upper surface of said cover when in a closed position and for exposing said receptacle when in an open position, a snap-in mechanism at a second end for providing a positive hold in the closed position, and a continuous perimeter wall extending downwardly and beyond said retaining walls when said lid is in a closed position, wherein said pivot mechanism comprises a slot and wherein two prongs extend outwardly from opposing sides of said first continuous retaining wall and pivotably engage said slot;

a gasket having a cutout adapted to expose said electrical or data receptacle, wherein said gasket is formed from a resilient, waterproof material;

10 a base plate having a top surface, a bottom surface and a central portion recessed from said top surface for mounting said electrical or data receptacle and adapted to accept said gasket and cover;

a slidably removable knockout for exposing one or more data receptacles, wherein said slidably removable knockout is defined by a second continuous retaining wall extending
15 downwardly from said lower surface; and

wherein when said base plate, gasket and cover are assembled, said top surface is flush with said upper surface and said retaining walls and said continuous perimeter wall sealably contact said gasket.

20. The watertight modular system in accordance with claim 19, wherein said cover is made from a non-metallic material, and wherein said gasket is made from a rubber or an elastomeric material.